

Answers to Test Your Knowledge:

Strength of Solution = $\frac{\text{Weight of chemical}}{\text{Weight of solution}}$

Strength of Solution = $\frac{50 \text{ lbs.}}{(8.34 \times 400) + 50 \text{ lbs.}}$

Strength of Solution = $\frac{50 \text{ lbs.}}{3386 \text{ lbs.}}$

Strength of Solution = 0.0147

Turned into a percentage (multiplied by 100)

Strength of Solution = 1.47%